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Empl# 6
DPS 1693
COPY 1 OF 2

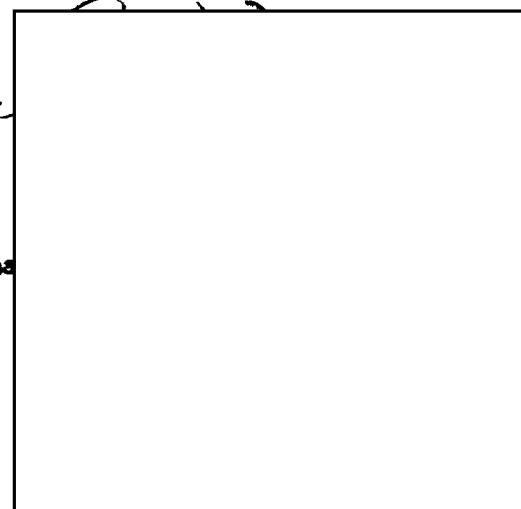
"PROPOSED PROGRAM
TO MODIFY HR-73C
CONFIGURATION "

Prepared By

STATOTHR

Project Mana

Director of



	DO AT	BY	
1. Complete 3rd set of optics	PE	PE	2 June — 31 July ?
<u>Phase I</u>			
2. Modification of two 300" Collimators			
a. Modify No. 1	PE	PE	Done
b. Align No. 1	H	PE	2-4 June
c. Modify No. 2	PE	PE	4-10 June
d. Align No. 2	T. S.	PE	24-26 June
3. Mount primary in new design, stiff, three point mount.	PE	PE	Done
4. Remount G. Mirror with stiff arm support	PE	PE	Done
5. Remove structure and motor isolators	PE	PE	Done
6. Plastic Foam Rigidizing of covers			
a. Test and study	PE & R	R	26 May — 30 June ?
b. Application and installation	PE or H	R	2 June - 2 July ?
7. Mechanical Dampers for H, I & Primary Mirror			
a. Test and Study	PE & R	R	26 May — 30 June ?
b. Application and Installation	PE & T. S.	R	9 June - 2 July ?
8. Remount Gyro Sensor, Shutter & Programmer on Super Structure	H	H	26 May - 23 June
9. Three axis positioning Servo Test & Installation	H	H	26 May - 23 June

ITEM

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WHEN

1. Cager Motor cut-off			
a. Design	H	H	26 May - 10 June
b. Fabricate & Install	H	H	11 June - 23 July
2. Configuration Mounting Isolators from External A/C Vibrations			
a. Interim Isolators	H	H	26 May - 23 June
b. Final Isolators			
1. Study	R, P.E., H. & T.S.	R	2 - 30 June
2. Fabrication & Installation	R & T.S.	R	1 July - 30 Sept. ?
3. Stiffen stabilization Solenoid brackets	H	H	26 May - 23 June
4. Balance armatures of all motors	H	H	10 - 23 June
5. Assemble optics structure and align	PE	PE	16 - 19 June
6. Ship Optics structure and associated equipment from PE to H	PE & H	PE (& customer)	19 - 20 June
6. Mate optics structure with Configuration and check alignment	H	PE & H	24 - 26 June
7. Testing Of Modifications			
a. Mechanical vibration analysis of Configuration	H	R	26 June - 2 July
b. Static photo tests of Configurations	H	PE	26 June - 2 July
c. Misc. testing of Configuration performance	H	PE & H	26 June - 2 July

ITEM

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BY

WHEN

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18. Ship Configuration to T. S.	H-T.S.	H	3 July
19. Final check-out test <u>Phase III</u>	T. S.	PE & H	7 - 11 July
20. No. 1 Test Flight			
a. Preflight	T. S.	PE & H	14 - 16 July
b. Flight	T. S.	PE & H	17 July
c. Post Flight	T. S.	PE & H	18 July
No. 2 Test Flight			
a. Preflight	T. S.		21 - 23 July
b. Flight	T. S.	PE & H	24 July
c. Post Flight	T. S.	PE & H	25 July
No. 3 Test Flight			
a. Preflight	T. S.		28 - 30 July
b. Flight	T. S.	PE & H	31 July
c. Post Flight	T. S.	PE & H	1 August

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